

## List of Required Materials per Student

- Lab notebook
- Arduino (I suggest nano as you can get a cheap one for \$4) with cable
- Wires
- Breadboard
- Various resistors (100, 220, 1k, 10k, 1M Ohms)
- LED lights (a few, any colors and any size)
- 9 V battery
- Voltmeter (optional)
- Photoresistor (light dependent resistor)
- RGB LEDs (anode and cathode)
- IR emitter and IR transmitter
- Push button
- Op-amp
- Computer with Arduino IDE

I recommend buying cheap sandwich containers to store the supplies. I do not recommend the split box like you see here, as you can't fit the breadboard into it!

